

Contents

Adler G → Elsässer HP 143–148
 Ahlstedt S → Nilsson G 125–133
 Alvarez-Uría M → Diaz C 165–169
 Alving K → Nilsson G 125–133
 Anderson DG, Lopez GA, Bewernick D,
 Brazal S, Ponder J, Russom JM:
 Changes in renal morphology and renin
 secretion in the golden-mantled ground
 squirrel (*Spermophilus lateralis*) during
 activity and hibernation 99–104
 Asai J → Toshimori H 401–406
 Askenase PW → Kraeuter Kops S 415–
 424
 Azzali G: The passage of macrophages and
 lymphocytes from the interstitium across
 the lymphatic endothelium of rat
 lacteals 191–193
 Barbosa AJA, Nogueira JC, Redins CA,
 Nogueira AMMF, Van Noorden S, Polak JM:
 Histochemical and ultrastructural
 studies on the enterochromaffin-like cell in the gastric mucosa of the
 opossum *Didelphis albiventris* (Marsupialia) 425–430
 Bertram JF, Messina A, Ryan GB: In vitro
 effects of puromycin aminonucleoside
 on the ultrastructure of rat glomerular
 podocytes 203
 Bischof D → Anderson DG 99–104
 Bischof H-J, Niemann J: Contralateral
 projections of the optic tectum in the
 zebra finch (*Taenopygia guttata castanotis*) 307–313
 Bischof P → Castellucci M 135–142
 Blest AD, O'Carroll DC, Carter M: Comparative
 ultrastructure of Layer I receptor
 mosaics in principal eyes of jumping
 spiders: the evolution of regular arrays
 of light guides 445–460
 Borst A → Stocker RF 9–34
 Brazal S → Anderson DG 99–104
 Breucker H → Davidoff MS 253–261
 Buchholz C → Mentlein R 431–443
 Buhl AE → Zelei BV 407–413
 Caner H, Tamamaki N, Handa Y, Hayashi
 M, Nojyo Y: Appearance of retrogradely
 labeled neurons in the rat superior
 cervical ganglion after injection of
 wheat-germ agglutinin-horseradish peroxidase conjugate into the contralateral
 ganglion 53–57
 Carlisle L, Steel K, Forge A: Endocochlear
 potential generation is associated with
 intercellular communication in the stria
 vascularis: Structural analysis in the
 viable dominant spotting mouse mutant
 329–337
 Carraway RE → McKeon TW 461–466
 Carter M → Blest AD 445–460
 Castellucci M, Kaufmann P, Bischof P: Ex-
 tracellular matrix influences hormone
 and protein production by human chori-
 onic villi 135–142
 Cavallini L → Mazzocchi G 41–46
 Chang JP → Wang JJ 273–281
 Cheung R, Plisetskaya EM, Youson JH:
 Distribution of two forms of somatostatin
 in the brain, anterior intestine, and
 pancreas of adult lampreys (*Petromyzon marinus*) 283–292
 Couet H-G de → Stowe S 483–499
 Cracco C → Vercelli A 551–557
 Cronin CT → Kraeuter Kops S 415–424
 Daikoku S → Kagotani Y 47–52
 Dannhorn DR, Kirchner C: Uptake and
 accumulation of tritiated uteroglobin by
 day-6 rabbit blastocysts 569–577
 Davidoff MS, Breucker H, Holstein AF,
 Seidl K: Cellular architecture of the la-
 mina propria of human seminiferous tu-
 bules 253–261
 Davis D → Stowe S 483–499
 Delarea Y → Fishelson L 397–400
 Diani AR → Zelei BV 407–413
 Diaz C, Alvarez-Uría M, Tolivia J, López
 JM: Circadian changes in synaptic rib-
 bons and spherules in pinealocytes of
 the Syrian hamster (*Mesocricetus auratus*) 165–169
 Dijkstra CD → Harms G 35–40
 Distel H → Meisami E 89–97
 Dobó E, Kása P, Joó F, Wentholt RJ,
 Wolff JR: Structures with GABA-like
 and GAD-like immunoreactivity in the
 cervical sympathetic ganglion complex
 of adult rats 351–361
 Dunn-Meynell AA → Schlussman SD
 531–541
 Ekman R → Keith IM 543–550
 Elekes K, Nässel DR: Distribution of
 FMRFamide-like immunoreactive neu-
 rons in the central nervous system of
 the snail *Helix pomatia* 177–190
 Elsässer HP, Puplat D, Adler G, Kern HF:
 Stimulation of pancreatic secretory pro-
 cess in the rat by low-molecular weight
 proteinase inhibitor. III. Changes in
 DNA synthesis and mitotic activity
 143–148
 Feldmann G → Oudar O 579–585
 Ferrary E → Oudar O 579–585
 Fischbach K-F → Stocker RF 9–34
 Fishelson L, Gibson RN, Delarea Y: Un-
 usual cell organelles during spermiogen-
 esis in two species of gobies (Gobiidae,
 Teleostei) 397–400
 Flores V → Lane NJ 373–385
 Forge A → Carlisle L 329–337
 Forsgren S → Moravec M 315–327
 Gabella G, Uvelius B: Urinary bladder of
 rat: fine structure of normal and hyper-
 trophic musculature 67–79
 Garcia-Arraras JE, Martínez R: Develop-
 mental expression of serotonin-like im-
 munoreactivity in the sympathoadrenal
 system of the chicken 363–372
 Garrido O → Rodriguez EM 105–113
 Gibson RN → Fishelson L 397–400
 Gilbert CL, Hunter MG, Southee JA,
 Watthes DC: Immunocytochemical lo-
 calization of oxytocin in corpora lutea
 and luteinized cysts from anoestrous
 ewes stimulated with gonadotrophin-re-
 leasing hormone 157–164
 Gillot I → Maggio K 149–156
 Good MJ → Stephens RE 301–306
 Goto K, Yamagata K, Miki N, Kondo H:
 Direct photosensitivity of chick pinealo-
 cytes as demonstrated by visinin immuno-
 reactivity 501–505
 Gounon P → Tournefier A 387–396
 Gracia-Navarro F, Porter D, Malagón
 MM, Licht P: Stereological study of
 gonadotropes in the frog, *Rana pipiens*,
 after GnRH stimulation in vitro 171–
 176
 Halfter W, Liverani D, Vigny M, Monard
 D: Deposition of extracellular matrix
 along the pathways of migrating fibro-
 blasts 467–481
 Handa Y → Caner H 53–57
 Hardonk MJ → Harms G 35–40
 Harms G, Dijkstra CD, Hardonk MJ: Gly-
 cosyl receptors in macrophage subpo-
 pulations of rat spleen and lymph node.
 A comparative study using neoglyco-
 proteins and monoclonal antibodies
 ED1, ED2 and ED3 35–40
 Hayakawa M, Kobayashi M, Hoshino T:
 Microfibrils: a constitutive component
 of reticular fibers in the mouse lymph
 node 199–201
 Hayashi M → Caner H 53–57
 Hernandez-Nicaise ML → Maggio K
 149–156
 Hildebrand JG → Stengl M 245–252
 Hisano S → Kagotani Y 47–52
 Hoffman JR → Phillips GD 81–88
 Hökfelt T → Nilsson G 125–133
 Holstein AF → Davidoff MS 253–261
 Homberg U → Stengl M 245–252
 Hoshino T → Hayakawa M 199–201
 Hudson R → Meisami E 89–97
 Hunter MG → Gilbert CL 157–164
 Ikeda K → Koenig JH 233–244
 Izumi S, Takeya M, Takagi K, Takahashi
 K: Ontogenetic development of syno-
 vial A cells in fetal and neonatal rat
 knee joints 1–8
 Johnson GA → Zelei BV 407–413
 Joó F → Dobó E 351–361
 Kagotani Y, Hisano S, Tsuruo Y, Daikoku
 S, Okimura Y: Intrgranular co-storage
 of neuropeptide Y and arginine vaso-
 pressin in the paraventricular magnocel-
 lular neurons of the rat hypothalamus
 47–52
 Kangawa K → Toshimori H 401–406
 Kása P → Dobó E 351–361
 Kashgarian MG → Kraeuter Kops S 415–
 424
 Kashiwamata S → Keino H 515–517
 Kasprzak A → Mazzocchi G 41–46
 Kaufmann P → Castellucci M 135–142
 Kawabe TT → Zelei BV 407–413
 Keicher E → Maggio K 149–156
 Keino H, Sato H, Kashiwamata S: Dis-
 tribution of acid phosphatase and β -glu-

curonidase in the hypoplastic cerebellum of jaundiced Gunn rats. An enzyme histochemical study 515–517

Keith IM, Ekman R: PYY-like material and its spatial relationship with NPY, CGRP and 5-HT in the lung of the Syrian golden hamster 543–550

Kern HF → Elsässer HP 143–148

Khaledpour C → Riemann R 519–522

Khoury EL, Marshall LA: Luteinization of human granuloma cells in vivo is associated with expression of MHC Class II antigens 217–224

Kirchner C → Dannhorn DR 569–577

Kiso Y, Yasufuku K, Matsuda H, Yamuchi S: Existence of an endothelio-endothelial placenta in the insectivore, *Suncus murinus* 195–197

Knight KA → Zelei BV 407–413

Knighton DR → Phillips GD 81–88

Knowles G → McKeown M 523–530

Kobayashi M → Hayakawa M 199–201

Kobylack MA → Schlussman SD 531–541

Koenig JH, Ikeda K: Transformational process of the endosomal compartment in nephrocytes of *Drosophila melanogaster* 233–244

Kondo H → Goto K 501–505

Konopka LM → McKeon TW 461–466

Korf H-W → Tamotsu S 205–216

Kraeuter Kops S, Theoharides TC, Cronin CT, Kashgarian MG, Askenase PW: Ultrastructural characteristics of rat peritoneal mast cells undergoing differential release of serotonin without histamine and without degranulation 415–424

Krisch B → Mentlein R 431–443

Lane NJ, Flores V: The role of cytoskeletal components in the maintenance of intercellular junctions in an insect 373–385

Lesourd M → Tournefier A 387–396

Licht P → Gracia-Navarro F 171–176

Lienhard MC → Stocker RF 9–34

Liverani D → Halfter W 467–481

Lopez GA → Anderson DG 99–104

López JM → Diaz C 165–169

Louie J → Meisami E 89–97

Luciano L, Reale E: Brush cells of the mouse gallbladder. A correlative light- and electron-microscopical study 339–349

Lundberg JM → Nilsson G 125–133

Maggio K, Keicher E, Hernandez-Nicaise ML, Gillot I, Nicaise G: Quenching of a proton gradient and concomitant increase of intragranular calcium in interstitial cells of *Mytilus* retractor muscle. Fluorescence microscopy and X-ray microanalysis 149–156

Malagón MM → Gracia-Navarro F 171–176

Marshall LA → Khoury EL 217–224

Martinez R → Garcia-Arrarás JE 363–372

Matsuda H → Kiso Y 195–197

Matsukura S → Toshimori H 401–406

Matsuoka H → Toshimori H 401–406

Mazzocchi G, Cavallini L, Kasprzak A, Rebuffat P, Nussdorfer GG: Effects of prolactin on the morphology and function of rat Leydig cells: short-term versus long-term administration 41–46

McCulloch CAG → McKeown M 523–530

McKeon TW, Carraway RE, Konopka LM, Parsons RL: Distribution of galanin-like peptide in various tissues of *Necturus maculosus*. A biochemical and immunohistochemical analysis 461–466

McKeown M, Knowles G, McCulloch CAG: Role of the cellular attachment domain of fibronectin in the phagocytosis of beads by human gingival fibroblasts in vitro 523–530

Meisami E, Louie J, Hudson R, Distel H: A morphometric comparison of the olfactory epithelium of newborn and weanling rabbits 89–97

Meller K: Cryo-electron microscopy of vitrified nerve myelin 59–66

Mentlein R, Buchholz C, Krisch B: Somatostatin-binding sites on rat telencephalic astrocytes. Light- and electron-microscopic studies in vitro and in vivo 431–443

Messina A → Bertram JF 203

Miettinen A: Intercellular bridges between germ cells in the immature golden hamster testis: evidence for clonal and non-clonal mode of proliferation 559–567

Miki N → Goto K 501–505

Mitsukawa T → Toshimori H 401–406

Monard D → Halfter W 467–481

Moravec J → Moravec M 315–327

Moravec M, Moravec J, Forsgren S: Catecholaminergic and peptidergic nerve components of intramural ganglia in the rat heart. An immunohistochemical study 315–327

Morita Y → Tamotsu S 205–216

Nakazato M → Toshimori H 401–406

Narita R → Toshimori H 401–406

Nässel DR → Elekes K 177–190

Nicaise G → Maggio K 149–156

Niemann J → Bischof H-J 307–313

Nilsson G, Alving K, Ahlstedt S, Hökfelt T, Lundberg JM: Peptidergic innervation of rat lymphoid tissue and lung: Relation to mast cells and sensitivity to capsaicin and immunization 125–133

Nogueira AMMF → Barbosa AJA 425–430

Nogueira JC → Barbosa AJA 425–430

Nojyo Y → Caner H 53–57

Nürnberg F → Schindler CU 293–300

Nussdorfer GG → Mazzocchi G 41–46

O'Carroll DC → Blest AD 445–460

Okimura Y → Kagotani Y 47–52

Oksche A → Rodriguez EM 105–113

Oksche A → Tamotsu S 205–216

Olivereau JM → Olivereau M 115–123

Olivereau M, Olivereau JM: Corticotropin-like immunoreactivity in the brain and pituitary of three teleost species (goldfish, trout and eel) 115–123

Oudar O, Ferrary E, Feldmann G: Adenylate cyclase and carbonic anhydrase in the semicircular canal epithelium of the frog *Rana esculenta*. An ultrastructural cytochemical localization 579–585

Panzica GC → Vallarino M 507–513

Parsons RL → McKeon TW 461–466

Peng FS → Sainte-Marie G 263–271

Phillips GD, Hoffman JR, Knighton DR: Migration of myogenic cells in the rat extensor digitorum longus muscle studied with a split autograft model 81–88

Plisetskaya EM → Cheung R 283–292

Polak JM → Barbosa AJA 425–430

Ponder J → Anderson DG 99–104

Porter D → Gracia-Navarro F 171–176

Puplat D → Elsässer HP 143–148

Reale E → Luciano L 339–349

Rebuffat P → Mazzocchi G 41–46

Redins CA → Barbosa AJA 425–430

Reuss S → Riemann R 519–522

Riemann R, Reuss S, Stehle J, Khaledpour C, Vollrath L: Circadian variations of "synaptic" bodies in the pineal glands of Brattleboro rats 519–522

Rodriguez EM, Garrido O, Oksche A: Lectin histochemistry of the human fetal subcommisural organ 105–113

Russon JM → Anderson DG 99–104

Ryan GB → Bertram JF 203

Sainte-Marie G, Peng FS: Atrophy of compartments of rat lymph nodes related to an entry of lethally altered lymphocytes 263–271

Sato H → Keino H 515–517

Sawada GA → Zelei BV 407–413

Schindler CU, Nürnberg F: Hibernation-related changes in the immunoreactivity of neuropeptide systems in the supra-chiasmatic nucleus of the ground squirrel, *Spermophilus richardsonii*. With reference to observations in the hedgehog, *Erinaceus europaeus* 293–300

Schlussman SD, Kobylack MA, Dunn-Meynell AA, Sharma SC: Afferent connections of the optic tectum in channel catfish *Ictalurus punctatus* 531–541

Seidl K → Davidoff MS 253–261

Sharma SC → Schlussman SD 531–541

Southee JA → Gilbert CL 157–164

Steel K → Carlisle L 329–337

Stehle J → Riemann R 519–522

Stengl M, Homberg U, Hildebrand JG: Acetylcholinesterase activity in antennal receptor neurons of the sphinx moth *Manduca sexta* 245–252

Stephens RE, Good MJ: Filipin-sterol complexes in molluscan gill ciliated epithelial cell membranes: intercalation into ciliary necklaces and induction of gap junctional particle arrays 301–306

Stocker RF, Lienhard MC, Borst A, Fischbach K-F: Neuronal architecture of the antennal lobe in *Drosophila melanogaster* 9–34

Stowe S, Couet H-G de, Davis D: Photoreceptor membrane turnover in the crayfish *Cherax destructor*: electron microscopy and anti-rhodopsin electron-microscopic immunocytochemistry 483–499

Takagi K → Izumi S 1–8

Takahashi K → Izumi S 1–8

Takeya M → Izumi S 1–8

Tamamaki N → Caner H 53–57

Tamotsu S, Korf H-W, Morita Y, Oksche

A: Immunocytochemical localization of serotonin and photoreceptor-specific proteins (rod-opsin, S-antigen) in the pineal complex of the river lamprey, *Lampetra japonica*, with special reference to photoneuroendocrine cells 205-216

Teng CS → Wang JJ 273-281

Theoharides TC → Kraeuter Kops S 415-424

Tolivia J → Diaz C 165-169

Toshimori H, Narita R, Nakazato M, Asai J, Mitsukawa T, Kangawa K, Matsuo H, Matsukura S: Islet amyloid polypeptide (IAPP) in the gastrointestinal tract and pancreas of man and rat 401-406

Tournefier A, Lesourd M, Gounon P: The axolotl thymus: cell types of the microenvironment. A scanning and transmission electron-microscopic study 387-396

Tsuruo Y → Kagotani Y 47-52

Uvelius B → Gabella G 67-79

Vallarino M, Viglietti-Panzica C, Panzica GC: Immunocytochemical localization of vasotocin-like immunoreactivity in the brain of the cartilaginous fish, *Scyliorhinus caniculus* 507-513

Van Noorden S → Barbosa AJA 425-430

Vercelli A, Cracco C: Effects of prepubertal castration on the spinal motor nucleus of the ischiocavernosus muscle of the rat 551-557

Viglietti-Panzica C → Vallarino M 507-513

Vigny M → Halfter W 467-481

Vollrath L → Riemann R 519-522

Walker CJ → Zelei BV 407-413

Wang JJ, Chang JP, Teng CS: Immunocytochemical demonstration of the binding and internalization of growth hormone in GERL of Chang hepatoma cells 273-281

Wathees DC → Gilbert CL 157-164

Wentholt RJ → Dobó E 351-361

Wolff JR → Dobó E 351-361

Yamagata K → Goto K 501-505

Yamamoto O: Three-dimensional architecture of the microvasculature in the rat foot-pad, with special reference to vasculature around the eccrine sweat glands. A scanning electron-microscopic study of corrosion casts 225-232

Yamauchi S → Kiso Y 195-197

Yasufuku K → Kiso Y 195-197

Youson JH → Cheung R 283-292

Zelei BV, Walker CJ, Sawada GA, Kawabe TT, Knight KA, Buhl AE, Johnson GA, Diani AR: Immunohistochemical and autoradiographic findings suggest that minoxidil is not localized in specific cells of vibrissa, pelage, or scalp follicles 407-413

Indexed in *Current Contents*